# Vector AK-47

## Owners Manual

# Safety Rules

Read and follow all safety rules whenever handling your firearm.

The following safety rules are placed in this manual by Vector Arms as an important reminder that firearms safety is your responsibility. Firearms can be dangerous and can cause serious injury, damage to property or death, if handled improperly.

1. Never point a firearm at anyone or in any direction other than a safe one. (i.e. downrange)
2. Always treat all firearms as if they were loaded
3. Keep your finger off the trigger until your sights are on the target.
4. Keep your finger off the trigger while loading or unloading the weapon.
5. Be sure of your target and the backstop beyond.
6. Never give or take a firearm from anyone unless the action is open.
7. Be sure the ammunition you are using is factory loaded and is not damaged in any way.
8. Before firing, with the magazine out of the weapon lock the bolt to the rear and check the barrel of your unloaded firearm for any possible obstructions.
9. Before firing any firearm unfamiliar to you, make sure that you know how it functions. Unfamiliarity can cause serious accidents.
10. Wear hearing protection and eye protection when shooting your firearm.
11. Keep your hands and fingers away from the muzzle to avoid injury or burns.
12. Firearms and ammunition should be stored separately beyond the reach of children and untrained or irresponsible adults.

## Ammunition Warning Notice:

Vector Arms specifically disclaims any responsibility for any damage or injury that should occur because of, or as a result of, the use of faulty, re-manufactured, surplus military ammunition more than 10 years old, reloaded ammunition, or of cartridges other than 7.62x39mm for which this rifle was designed.

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WARNING! READ ALL INSTRUCTIONS
BEFORE USING THIS FIREARM

**270 West 500 North**
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**Fax 801-295-9316**

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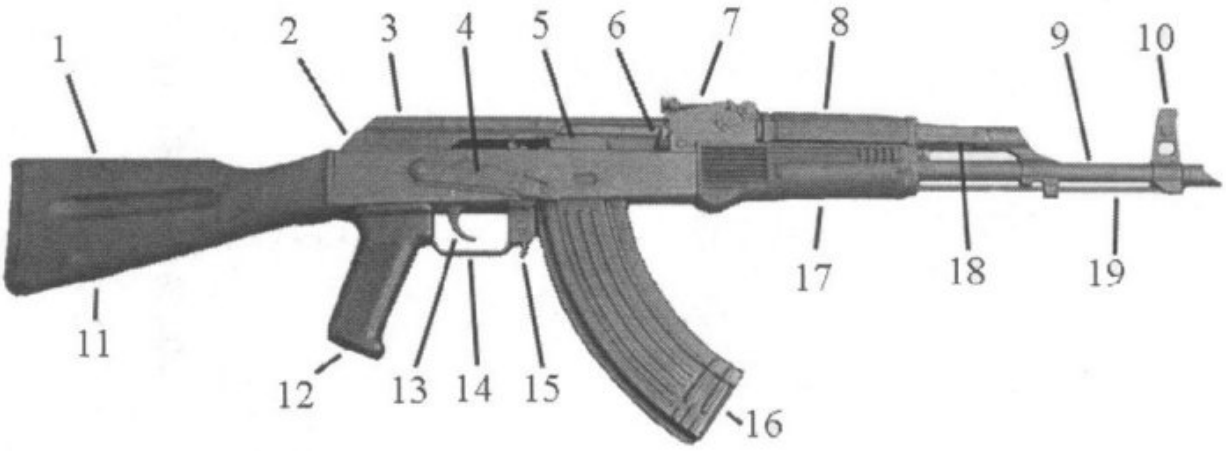
Thank you for purchasing the Vector Arms AK-47 sporting rifle, based on the most durable and widely used rifle of all time, the Kalashnikov.




1. Stock
2. Receiver Cover Latch
3. Receiver Cover
4. Safety
5. Bolt and Bolt Carrier
6. Bolt Handle
7. Rear Sight
8. Upper Handguard
9. Barrel
10. Front Sight Group
11. Rear Sling Swivel
12. Pistol Grip
13. Trigger
14. Trigger Guard
15. Magazine Release Catch
16. Magazine
17. Lower Handguard
18. Gas Cylinder and Piston
19. Cleaning Rod

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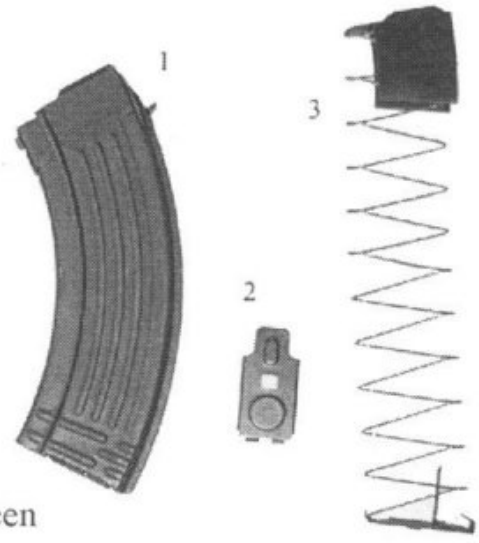
# Removable Parts For Cleaning

1. Receiver Cover
2. Recoil Spring
3. Bolt Carrier
4. Bolt
5. Gas Tube with Upper Handguard
6. Magazine
7. Cleaning Rod

1. Magazine
2. Floorplate
3. Follower, Follower Spring and Locking Plate




Note: Follower spring has been shortened for picture

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# Rifle Operation

The Vector Arms AK-47 uses a gas operated blow back semi-automatic action with a rotary locking bolt. When the rifle is fired, the gas used to propel the bullet forward is also projected through a port in the top of the barrel. This gas pushes its way back through the gas tube to the front of the bolt carrier, pushing the bolt carrier back, unlocking the bolt, and extracting the spent case from the chamber and ejecting it from the action.

As the bolt carrier is pushed back it cocks the hammer and compresses the recoil spring. The recoil spring then pushes the carrier forward, catching the next cartridge from the magazine and placing it in the chamber, locking the bolt into the receiver.

# Ammunition

Your rifle is chambered for the 7.62x39mm cartridge. It is highly recommended that clean, new ammunition is used. Wrong caliber ammunition can cause severe damage to your firearm and can result in serious injury to you or to bystanders. **NOTE: Brass-cased ammo is best for this rifle. Steel-cased ammo also works well but wears out the metal of the chamber more quickly.**

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# Safety Features

The safety lever is located on the right side of the receiver. There are two positions, "SAFE" which is represented by an "S" and "FIRE" represented by an "F"

**SAFE**

**FIRE**

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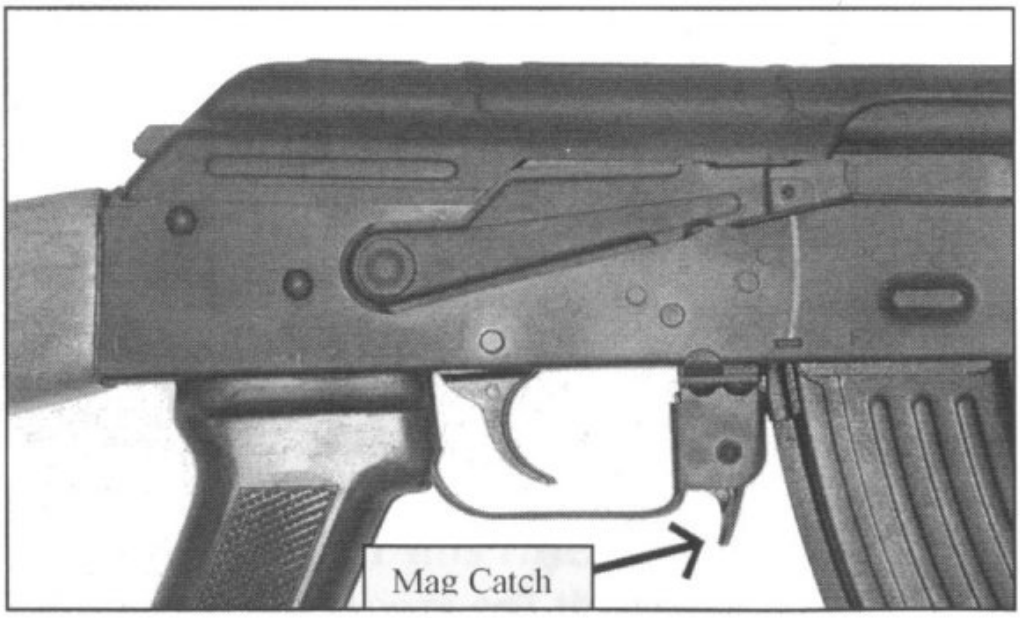
While on "SAFE", the safety lever blocks the bolt and trigger from being pulled back far enough to discharge or to chamber a cartridge. We highly recommend removing hands from the trigger when operating safety lever to avoid accidental discharge. The rifle should be in "SAFE" position and unloaded while not in use or while being transported.

The safety lever doubles as a dust cover while in "SAFE" position to prevent dirt and other foreign objects from entering inside of the receiver.

# Loading Your Rifle

To load your rifle remove the magazine from the rifle by first pressing the magazine catch forward, towards the muzzle.

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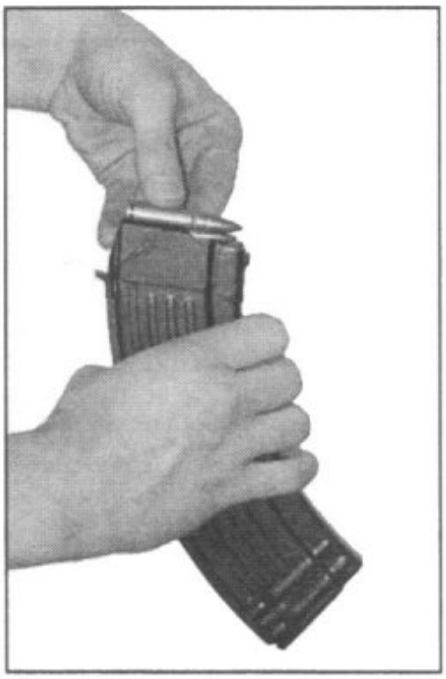
While holding the catch forward, tilt or "rock" the magazine forward and remove the magazine.



Load the magazine by pressing one cartridge at a time into the top of the magazine. The cartridge must be pushed all the way to the back of the magazine or the point of the bullet will hang up in the front.

Insert the loaded magazine back into the mag well by tilting it from front to back until it locks into the receiver.

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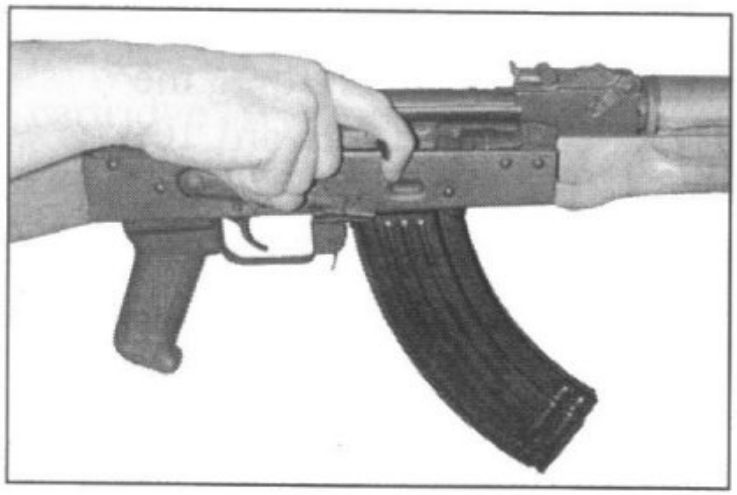
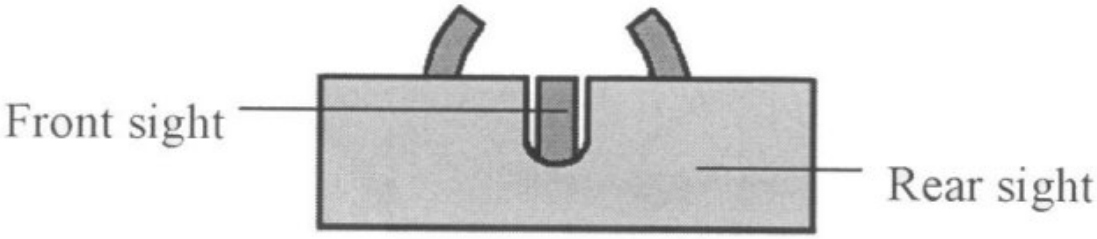


Using your left hand to hold the rifle, switch the safety lever to "FIRE" position. **KEEP RIFLE POINTED IN SAFE DIRECTION AT ALL TIMES.** Pull the bolt carrier handle all the way back and release, allowing it to spring forward on its own.

**YOUR RIFLE IS NOW LOADED. PLACE SAFETY LEVER IN ITS "SAFE" POSITION UNTIL READY TO DISCHARGE THE RIFLE.**

# Adjusting Sights

**WARNING! ONLY ADJUST SIGHTS WHILE FIREARM IS UNLOADED.**




Adjustment to elevation is built into the rear sight plate. Move the slide forward for longer distance and back for a closer range. Using the front sight adjustment tool further height adjustments can be made by screwing the front sight pin clockwise to make it higher and counter-clockwise to make it lower.

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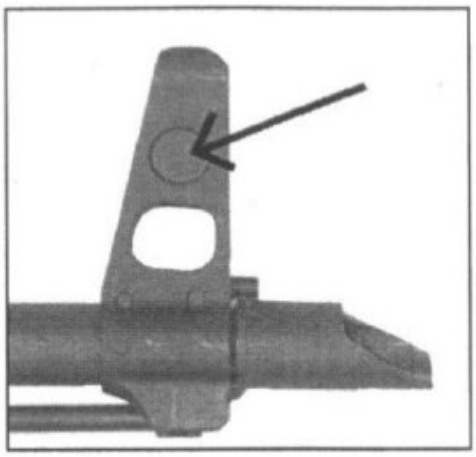
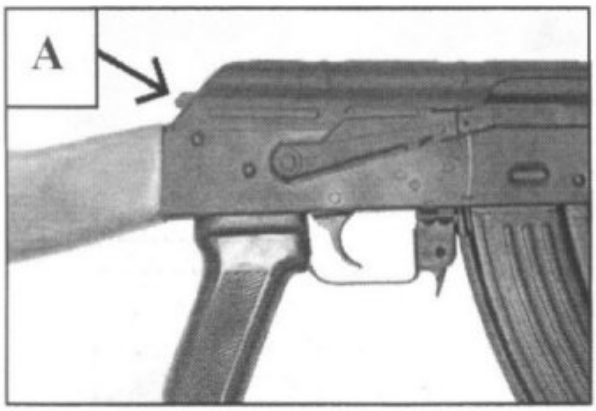
To adjust for windage gently tap the lateral front sight pin with a brass punch or a hard wooden dowel and a small hammer. Tapping left moves the shot right, tapping right moves the shot left. A special tool can also be purchased for this.



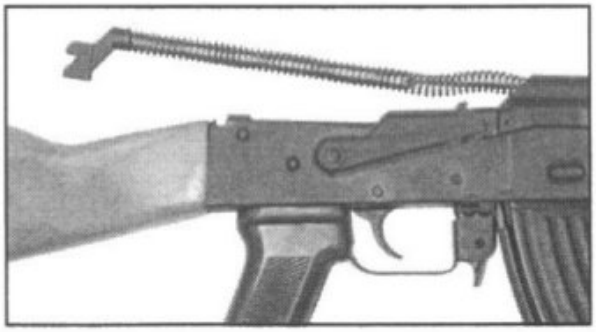
# Disassembly

**Always make sure your firearm is unloaded when disassembling. Observe exact positions of each part during disassembly to insure an easier reassembly.**

**1.** Push in the receiver cover latch (**A**) with one hand while lifting up on the receiver cover (**B**) and remove cover



**2**. Push the recoil spring forward until the receiver slot has been cleared, then pull the recoil spring out of the bolt carrier.



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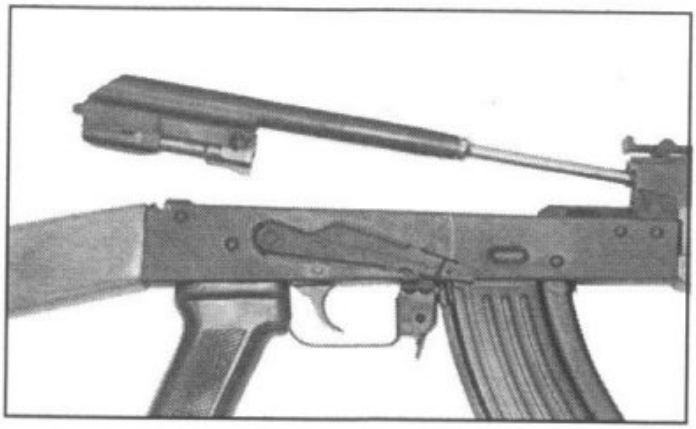
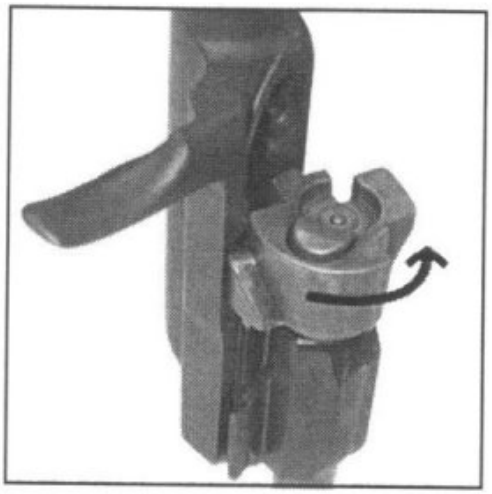
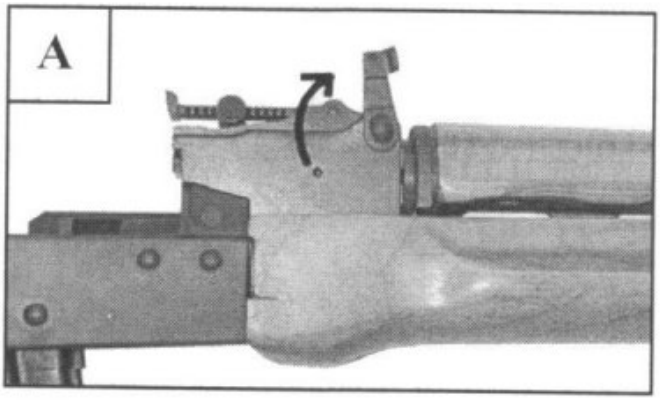
**3**. Switch the safety lever to 'FIRE' position. Pull the cocking handle back until the bolt carrier clears the receiver. Lift the bolt carrier assembly from the receiver and remove it.

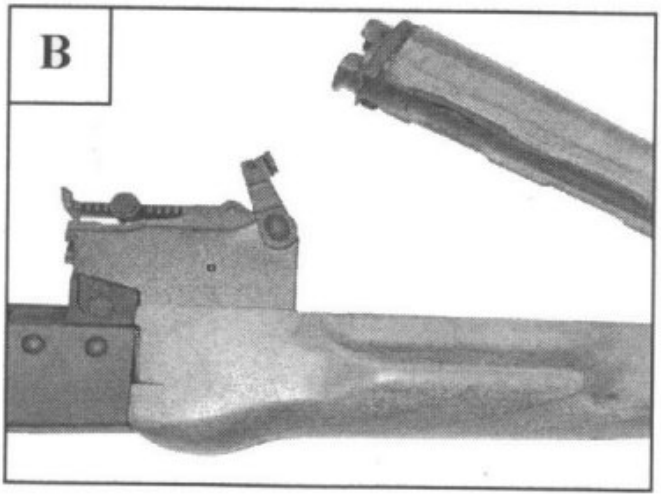




**4**. Remove the bolt from the bolt carrier by starting the bolt in its rear position, then rotating it counter-clockwise a quarter turn until the bolt clears the bolt carrier.

**5**. Remove the gas tube cover by rotating the gas tube latch on the rear sight support until it is vertical (**A**). Remove the top handguard and gas tube by pulling straight up and back (**B**).




This will disassemble your Vector AK-47 rifle for cleaning. A thorough and frequent cleaning is highly recommended. To reassemble just follow disassemble instructions in reverse.

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# Cleaning your Rifle

**Before cleaning any firearm make sure it is unloaded by removing the magazine, cocking the bolt back, and visually checking the chamber to insure there is not a cartridge present.**

First disassemble your rifle as shown on pages 9-10. Next remove the cleaning rod from underneath the barrel. Place a cleaning patch on your cleaning rod, lightly coated with solvent (i.e. Hoppes, Break Free). Run the cleaning rod through the bore slowly, repeating with a clean patch until bore is clean and free of dirt and powder. Upon completion run a patch lightly coated with gun oil to preserve and protect the bore from rust.

Wipe the bolt and bolt carrier with solvent and oil. Wipe the inside of the receiver with oil and wipe dry. Using the same process, clean the gas block. Occasionally scrape the gas tube of any carbon build up, and lightly oil the recoil spring. Reassemble.

Clean your magazine by pressing up on the button on the bottom and while holding it up, sliding the floorplate off. Then remove the spring and follower. Clean the inside of the magazine and oil the spring. Reassemble by facing the follower "lip" towards the front of the magazine, sliding it up the magazine until the locking plate has reached the bottom. Slide the floorplate forward from the back of the magazine until it locks into place.

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# Technical Data

**Caliber:** 7.62x39mm
**Operating Principle:** Gas Blowback
**Feed Device:** 30 round, 75 round drum
**Rifling:** 1:12 – RH
**Length (overall):** 35.25 inches
**Barrel Length:** 16.25 inches
**Weight (w/o magazine):** 6.5 pounds

The following parts have been substituted with American parts in compliance with the 10 parts compliance law.

1. Receiver
2. Muzzle attachment
3. Gas Piston
4. Trigger
5. Hammer
6. Disconnector

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# Vector Arms' Warranty Policy

Vector Arms will warranty this rifle for a period of 5 years against defects in materials or workmanship. This warranty does not cover normal wear and tear on the finish or parts, nor does it cover abuse or neglect.

To make a warranty claim, send the rifle to Vector Arms with a written description of the claim. We will repair or replace it at our discretion. Send your Warranty Claim to:

Vector, Inc.
270 West 500 North
North Salt Lake, UT 84054

If desired, you may call us at (801) 295-1917 to advise that you are returning it to us; however, we do not require an RA# for returns.